



43863-C1YA.ST25.txt
SEQUENCE LISTING

<110> Hampel, Arnold
Tritz, Richard

<120> RNA CATALYST FOR CLEAVING SPECIFIC RNA SEQUENCES

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<141> 2003-09-15

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tggttgactt	ctctgtttgg	aggaaacagg	actgtcacgc	gtggtaccag	gcctgccggc	120
cgcggccct	cgagggatcc	ccgggtaccg	agctcgaatt	c		161

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43863-C1YA.ST25.txt

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43863-C1YA.ST25.txt

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19

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gagaagtcaa ccagagaaac acacgttgcgt gtatattacc tggtagtcga cctgcaggca 180

tgcaagctt 189

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43863-C1YA.ST25.txt

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<223> n=g,a,c or t(u)

<220>
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15

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43863-C1YA.ST25.txt

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7

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9

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5

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9

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is capable of hybridizing with an RNA target sequence

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<221> misc_feature

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<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

<220>

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<222> (13)..(13)

<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

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<221> misc_feature

<222> (6)..(6)

<223> n is from 3 to 5 nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<222> (7)..(7)

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<220>

<221> misc_feature

<222> (19)..(19)

<223> n is from 3 to 6 base pairs having a predetermined sequence such that it base pairs with 3 to 6 base pairs of n(7)

<220>

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<222> (8)..(8)

<223> n represents 3 to 7 base pairs having a predetermined sequence

<220>

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<222> (9)..(9)

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<220>

<221> misc_feature

<222> (11)..(11)

<223> n has at least 3 base nucleotides having a predetermined sequence such that it base pairs with at least 3 bases of n(9)

<220>

<221> misc_feature

<222> (10)..(10)

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19

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<212> RNA

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<223> n is 3 or more nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<223> n is 3 to 5 nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<221> misc_feature

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6

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<211> 14

<212> RNA

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43863-C1YA.ST25.txt

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acugaagaga caaa

14

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<211> 60

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<222> (12)..(15)

<223> n is 3 to 5 nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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60

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<211> 25

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<221> misc_feature

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43863-C1YA.ST25.txt

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<222> (25)..(25)

<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(7)

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<222> (15)..(15)

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<222> (17)..(17)

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<222> (16)..(16)

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<400> 103

nngannnaga aanannnnana uuacn

25

<210> 104

<211> 25

43863-C1YA.ST25.txt

<212> RNA

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<222> (25)..(25)

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<222> (17)..(17)

<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(15)

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<222> (16)..(16)

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<400> 104
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<210> 105

<211> 25

<212> RNA

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<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(17)

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<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(15)

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nagagnnaga aacannnaua uuacn

25

<210> 106
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<222> (13)..(13)

<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

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<221> misc_feature

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<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(19)

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<222> (19)..(19)

<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(7)

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<222> (8)..(8)

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<222> (9)..(9)

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<220>

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<222> (11)..(11)

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<210> 107

<211> 19

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<222> (6)..(6)

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<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

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<222> (7)..(7)

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<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(7)

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<222> (9)..(9)

<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(11)

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<221> misc_feature

<222> (11)..(11)

<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(9)

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<221> misc_feature

<222> (10)..(10)

<223> n is greater than or equal to 3 nucleotides which represents an oligonucleotide which may be present or absent

<220>

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<222> (8)..(8)

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<400> 107
nngagnnnn nanauuacn

19

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<223> n is 3 or more nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<223> n is 3 to 5 nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<222> (7)..(7)

<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(19)

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<222> (19)..(19)

<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(7)

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<222> (8)..(8)

<223> n is 3-7 oligonucleotide having predetermined sequence

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<220>

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nngannnnnn nanauuacn

19

<210> 109

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<223> n is 3 or more nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

<220>

<221> misc_feature

<222> (5)..(5)

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<221> misc_feature

<222> (8)..(8)

<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

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<221> misc_feature

<222> (19)..(19)

<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

<220>

<221> misc_feature

<222> (7)..(7)

<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(25)

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<221> misc_feature

<222> (25)..(25)

<223> n is from 3 to 6 nucleotides having a predetermined sequence such that it base-pairs with n(7)

<220>

<221> misc_feature

<222> (15)..(15)

<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(17)

<220>
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<222> (17)..(17)
<223> n is at least 3 nucleotides having a predetermined sequence such that it base-pairs with n(15)

<220>
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<222> (16)..(16)
<223> n is greater than or equal to 3 nucleotides which represents an oligonucleotide which may be present or absent

<400> 109
nngannnnga aacannnana uuacn 25

<210> 110
<211> 25
<212> RNA
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<223> n is 3 or more nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

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<222> (6)..(6)
<223> n is 3 to 5 nucleotides having a predetermined sequence which is capable of hybridizing with an RNA target sequence

<220> Page 61

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<222> (2)..(2)

<223> n represents a ribonucleotide, deoxyribonucleotide, phosphorothioate, or modified nucleotide which may be the same or different

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<222> (19)..(19)

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